

Title III of the CARE Act provides Capacity Building, Planning, and Early Intervention Services (EIS) in outpatient specialty clinics for people living with HIV/AIDS. In Arizona, there are three (3) Title III funded clinics: McDowell Healthcare Center in Phoenix, El Rio Special Immunology Associates and the University of Arizona Special Immunology Clinic, both in Tucson.

El Rio Special Immunology Associates (SIA):

Since 1991 El Rio SIA has provided primary medical services to over 2000 individuals living with HIV/ AIDS in Pima County and Southern Arizona. Special Immunology Associates (SIA) is licensed to provide medical and behavioral health outpatient services.

El Rio's Special Immunology Associates provides primary care (inpatient and outpatient) as well as consultative care to approximately 1500 persons living with HIV infection throughout Southern Arizona. SIA is the largest provider of care to HIV-infected patients in the area. The goal of SIA is to provide accessible, affordable, quality ambulatory primary health care to HIV/AIDS infected patients; provide community education and information regarding new treatments and therapies to improve the quality of life of those living with HIV/AIDS; and provide for the behavioral health/counseling needs of people living with HIV and AIDS. The Special Immunology Associates (SIA) is a clinic of El Rio Community Health Center and funded by the US Department of Health Resources & Services Administration Ryan White Care Act Titles II & III.

Research by J. Kevin Carmichael, MD, unit chief of SIA, suggests that the major risk factor of death among persons in the SIA clinic is the presence of substance abuse and mental health issues that prevent these persons from fully benefiting from antiretroviral and other therapies. For this reason, quality HIV treatment requires a comprehensive range of services that will best enable patients with these risk factors to start and stay on treatment. SIA has a truly integrated system of care, wherein medical care, mental health, substance abuse, case management, and advocacy are provided in a one-stop multidisciplinary approach. All disciplines document in the same chart, staff and patients together, coordinate efforts to optimize the success of treatment. Through advocacy activities that access drug assistance programs, compassionate use programs, and grant funds, El Rio/SIA distributes millions of dollars of HIV/AIDS medications at no charge to patients.

The project also makes extensive use of continuity of care counselors (3Cs) who do whatever needs to be done to ensure no one falls through the cracks of the system. This may entail eligibility assistance, coordinating with AIDS service organizations or with other care systems, such as disability and mental health; delivering medication boxes; and assisting with food, housing, and transportation. They also provide health education, including supplemental medication adherence and secondary HIV prevention counseling. Their final role is to provide an extra ear to hear patient concerns and problems that patients may not bring to the attention of the physician. The role of the continuity of care counselor is critical to the clinic's success because we have found that keeping people with HIV infection in care and adherent to medications is the key to keeping them alive and living meaningful lives.

McDowell Healthcare Center:

The Ryan White Title III EIS program in Phoenix, Arizona, provides funding to the Maricopa Integrated Health System (MIHS) to support its McDowell Healthcare Center (HCC). McDowell HCC is the largest provider of HIV primary care in Maricopa County and provides primary medical care, oral health services, behavioral health services, treatment adherence education and monitoring, and nutritional services on-site. Through an Intergovernmental agreement with Maricopa County Department of Public Health, MIHS supports HIV counseling and testing and outreach services that target hard-to-reach populations and use mobile capability to bring those services to clients, rather than having the clients travel to various sites.

University of Arizona Ryan White Program:

The University of Arizona Ryan White program includes clinics at two hospitals in Tucson, AZ. One is the University Medical Center (UMC), a quaternary care, multi-discipline hospital located in the center of the city and Kino Community Hospital (KCH) located in the south part of Tucson. Both hospitals are staffed by faculty, residents, medical students, pharmacy and nursing students from the University of Arizona Health Sciences Center.

The clinic serves people from all over the state of Arizona including Native American patients living on reservations. UMC clinics are predominately Caucasian, 35% Hispanic and 20% women-most are working; KCH serves predominately Hispanic (90%) patients with 15% women and most patients are not working. Few patients have insurance and about 10% entered the clinic homeless. There has been an estimated 5-10% increase in the number of persons with HIV living in the catchment area of the two hospitals over the past year.

The University of Arizona Ryan White Program serves ~300 patients who had over 900 primary care physician encounters over the past year and an equal number of HIV pharmacist counseling encounters as well. The program counsels and tests on-site for HIV; Internists and Infectious Diseases specialists provide primary care with a dedicated pharmacist, nurse coordinator, nurse practitioner and outreach specialist. The program Pharmacist has a major clinic role in reducing unnecessary medications, choosing HAART regimens and adherence counseling for the expensive antiretroviral drugs. There is oral health available at KCH and proactive patient education is available through a number of venues. There are emergency rooms staffed 24 hours a day at UMC and KCH. There are state of the art radiology, laboratory and ancillary services at both hospitals. Referrals go to internationally renowned specialists in the University of Arizona Health Sciences Center and Arizona Cancer Center. All of the referral services are available on-site at UMC and after a five-mile trip for those at KCH.

Summary data for Title III services across all Provider Agencies are shown below. Because clients may receive multiple services from multiple agencies, each of which count them as clients, these data will contain duplicated information.

Arizona Ryan White Title III Calendar Year 2005 Summary

Enrollment/Sero Status	HIV+ (Row %)	HIV- (Row %)	Unknown (Row %)	Total (Column %)
Number of Unduplicated Clients	3,180(99.7%)	8(0.3%)	0(0.0%)	3,188(100.0%)
Number of New Clients	584(100.0%)	0(0.0%)	0(0.0%)	584(18.3%)

HIV Pos./HIV Indeterminate (not AIDS)	1,770(100.0%)			1,770(55.5%)
HIV Pos. (AIDS status Unknown)	97(100.0%)			97(3.0%)
AIDS	1,313(100.0%)			1,313(41.2%)
HIV Negative		8(100.0%)		8(0.3%)
Unknown		0		0(0.0%)
Total	3,180(99.7%)	8(0.3%)		3,188(100.0%)

Active and New	577(98.6%)	8(1.4%)		585(18.4%)
Active and Continuing	2,501(100.0%)	0(0.0%)		2,501(78.5%)
Deceased	60(100.0%)	0(0.0%)		60(1.9%)
Inactive	42(100.0%)	0(0.0%)		42(1.3%)
Unknown	0	0		0(0.0%)
Total	3,180(99.7%)	8(0.3%)		3,188(100.0%)

Demographic Descriptors	HIV+ (Row %)	HIV- (Row %)	Total (Column %)
Male	2,635(99.9%)	3(0.1%)	2,638(82.7%)
Female	539(95.6%)	5(4.4%)	544(17.1%)
Transgender	6(100.0%)	0(0.0%)	6(0.2%)
Unknown	0	0	0(0.0%)
Total	3,180(99.7%)	8(0.3%)	3,188(100.0%)

Less than 2	0	0	0(0.0%)
2 - 12	0(0.0%)	1(100.0%)	1(0.0%)
13 - 24	134(98.5%)	2(1.5%)	136(4.3%)
25 - 44	1,845(99.7%)	5(0.3%)	1,850(58.0%)
45 - 64	1,158(100.0%)	0(0.0%)	1,158(36.3%)
65 and Older	43(100.0%)	0(0.0%)	43(1.3%)
Unknown	0	0	0(0.0%)
Total	3,180(99.7%)	8(0.3%)	3,188(100.0%)

Hispanic	1,009(99.6%)	4(0.4%)	1,013(31.8%)
Non-Hispanic	2,171(99.8%)	4(0.2%)	2,175(68.2%)
Unknown	0	0	0(0.0%)
Total	3,180(99.7%)	8(0.3%)	3,188(100.0%)

White	2,656(99.7%)	7(0.3%)	2,663(83.5%)
Black	338(100.0%)	0(0.0%)	338(10.6%)
Asian/Pacific Islander/Native Hawaiian	29(100.0%)	0(0.0%)	29(0.9%)
American Indian/Alaska Native	67(98.5%)	1(1.5%)	68(2.1%)
Multiple Race/Other Race	39(100.0%)	0(0.0%)	39(1.2%)
Unknown	51(100.0%)	0(0.0%)	51(1.6%)
Total	3,180(99.7%)	8(0.3%)	3,188(100.0%)

Arizona Ryan White Title III Calendar Year 2005 Summary

<u>Income/Housing/Insurance</u>	HIV+ (Row %)	HIV- (Row %)	Total (Column %)
<= Federal Poverty Level	1,614(100.0%)	0(0.0%)	1,614(50.6%)
101-200% Federal Poverty Level	863(100.0%)	0(0.0%)	863(27.1%)
201-300% Federal Poverty Level	442(100.0%)	0(0.0%)	442(13.9%)
> 300% Federal Poverty Level	261(100.0%)	0(0.0%)	261(8.2%)
Unknown	0(0.0%)	8(100.0%)	8(0.2%)
Total	3,180(99.7%)	8(0.3%)	3,188(100.0%)
Permanently Housed	3,003(100.0%)	0(0.0%)	3,003(94.3%)
Non-Permanently Housed	66(100.0%)	0(0.0%)	66(2.1%)
Institution	43(100.0%)	0(0.0%)	43(1.3%)
Other	68(100.0%)	0(0.0%)	68(2.1%)
Unknown	0(0.0%)	8(100.0%)	8(0.2%)
Total	3,180(99.7%)	8(0.3%)	3,188(100.0%)
Private	338(100.0%)	0(0.0%)	338(10.6%)
Medicare	727(100.0%)	0(0.0%)	727(22.8%)
Medicaid	752(100.0%)	0(0.0%)	752(23.6%)
Other Public	5(100.0%)	0(0.0%)	5(0.2%)
No Insurance	1,244(100.0%)	0(0.0%)	1,244(39.0%)
Other	114(100.0%)	0(0.0%)	114(3.6%)
Unknown	0(0.0%)	8(100.0%)	8(0.2%)
Total	3,180(99.7%)	8(0.3%)	3,188(100.0%)